



PATENT
P56011

CLEAN VERSION OF AMENDMENTS

IN THE ABSTRACT

Please amend the Abstract to read as follows:

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A video display apparatus having user-selected hotkey functions and a method of using them is disclosed in which a function of the video display system can be changed by a user. Information on a menu item is selected by a user from an OSD menu which the video display apparatus has stored in a memory unit as hotkey button information. The information is read from the memory unit to be executed whenever the user selects a given hotkey button. The hotkey button information may be re-set according to the user's desires, so that the user controls the functions of the video display apparatus with more ease and convenience.

IN THE CLAIMS

Please amend claims 1 and 5, as follows, and add new claims 8 through 10 as set forth above:

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1. (Amended) A video display control apparatus having hotkeys for a user to
invoke and control a function of a video display apparatus, said function represented by a
menu item from an on-screen display (OSD) menu, said video display control apparatus
comprising:
a button unit comprising a hotkey button adapted for generating a key signal

6 corresponding to a menu item of an OSD menu;
7 a memory unit coupled to the button unit, and adapted for storing
8 information concerning OSD menu items;
9 an OSD unit for outputting an OSD character display signal to a video
10 processing unit in response to said key signal, whereby actuation by a
11 user of said hotkey button causes a screen display of one or more OSD
12 characters; and
13 a control unit for receiving said key signal from said button unit; for reading
14 information concerning an OSD menu item stored in the memory unit,
15 when said key signal is received; and for thereupon sending a control
16 signal to the video display apparatus to control a function thereof.

1 5. (Amended) A method of controlling a function of a video display apparatus,
2 said method comprising the steps of:

3 (1) when a user selects a menu item of an on-screen display (OSD) menu screen by
4 causing generation of a hotkey button signal, determining whether a hotkey signal setting
5 exists therefor;

6 (2) when no hotkey signal setting exists therefor, executing a control function in
7 response to the hotkey button signal; and

8 (3) when a hotkey signal setting exists therefor, setting the user-selected menu item
9 of the OSD menu screen responsively to the hotkey button signal.

1 -- 8 (new). A television (TV) system, comprising:

2 a TV display having a plurality of functions, said TV display capable of
3 displaying an on-screen display (OSD) menu having a plurality of menu
4 items respectively corresponding to individual ones of said plurality of
5 functions;

6 a memory unit adapted for storing information concerning OSD menu
7 items;

8 a means for a user's selecting a one of said plurality of menu items;

9 a means for generating a selection signal corresponding to a one of said
10 plurality of menu items responsively to a user's selection thereof;

11 a control means for controlling a one of said plurality of functions;

12 associated with the TV display, a receiving means for receiving said
13 selection signal;

14 coupled to said receiving means a reading means for fetching and reading
15 from the memory unit information concerning an OSD menu item
16 stored in the memory unit, when said selection signal is received, said
17 information corresponding to said selection signal; and

18 coupled to said reading means, a means for sending a control signal to the
19 control means, said control signal corresponding to said fetched and
20 read information concerning an OSD menu item, whereby a function of
21 the TV display is controlled responsively to the control signal and
22 responsively to said information fetched and read from the memory unit

23 concerning an OSD menu item.

1 -- 9 (new). The TV system of claim 8, further comprising:

2 a video processing unit;

3 a means for outputting an OSD character display signal to the video
4 processing unit in response to said selection signal;

5 associated with the video processing unit, an actuation means for receiving
6 said OSD character display signal and for causing responsively thereto
7 a screen display of one or more OSD characters, said one or more OSD
8 characters corresponding to said menu item of the OSD menu;

1 -- 10 (new). The TV system of claim 8, further comprising:

2 a means for determining whether a selection signal is identical to a signal
3 stored in the memory unit and associated with information concerning
4 an OSD menu item;

5 a means for executing a selected control function of the TV display in
6 response to the selection signal if the selection signal is identical to a
7 signal stored in the memory unit; and

8 a means for executing a default control function of the TV display in re-
9 sponse to the selection signal if the selection signal is not identical to a
10 signal stored in the memory unit.